

CLAIMS

1. Heating device with at least two plate-like ceramic heating elements, which are electrically contacted on opposite flat sides and on at least one side is provided at least one flat, electrical conductor, wherein on one side of the heating elements there are at least two conductors which are electrically insulated against one another, each of the conductors being in contact with at least one heating element.
2. Device according to claim 1, wherein at least one conductor is in direct contact with a heating element.
3. Device according to claim 1, wherein at least one conductor is in indirect contact with a heating element.
4. Device according to claim 3, wherein at least one conductor is in contact via at least one electrically conductive spacer with at least one heating element.
5. Device according to claim 4, wherein at least one conductor is in contact via at least one electrically conductive spacer and a contact plate with a heating element.
6. Device according to claim 1, wherein at least one electrical conductor and/or electrically conductive contact plate are circumferentially held by at least one insulating frame.
7. Device according to claim 1, wherein at least one electrical conductor and/or an electrically conductive spacer

are circumferentially held by at least one insulating frame.

8. Device according to claim 1, wherein two conductors are electrically insulated against one another by at least one insulating spacer located between them.

9. Device according to claim 1, wherein at least one conductor has an area offset to at least one heating element.

10. Device according to claim 1, wherein the at least two electrical conductors are contacted solely from one front side of the casing.

11. Device according to claim 1, wherein heating elements and conductors, together with optionally spacers are placed in a casing.

12. Device according to claim 11, wherein heating elements, conductors and optionally spacers are pressed in the casing.

13. Device according to claim 10, wherein the casing has an electrically conductive construction and at least one flat side of the casing is in electrical contact with the flat side of at least one heating element remote from the at least one conductor.

14. Device according to claim 1, wherein at least one of the electrical conductors and/or an electrically conductive spacer is injection-moulded around by an insulating holding frame for the heating elements.

15. Method for the manufacture of a heating device according to claim 1, wherein initially at least one electrical

conductor and/or an electrically conductive spacer is injection-moulded around with an insulating holding frame for the heating elements.